

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	194	((grid\$2 or grating\$2) near5 resona\$5) and diffract\$ and (subwavelength or sub? wavelength or ((less or sub) near3 wavelength)) and interfer\$ and ((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4)) with reflect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/20 11:22
L2	82	1 and (propagat\$4 near4 (valu\$2 or constant\$2 or factor\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/20 11:24
L3	95	((grid\$2 or grating\$2) near5 resona\$5) and (filter\$4) and (subwavelength or sub? wavelength or ((less or sub) near3 wavelength)) and (propagat\$4 near4 (valu\$2 or constant\$2 or factor\$2)) and ((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4)) with reflect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/20 12:09
L4	143	((grid\$2 or grating\$2) near4 (diffract\$4 or resona\$5)) and (filter\$4 with wavelength\$2) and (subwavelength or sub?wavelength or ((less or sub) near3 wavelength)) and (propagat\$4 near4 (valu\$2 or constant\$2 or factor\$2)) and ((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4)) with reflect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/20 12:09

L5	518	((grid\$2 or grating\$2) near4 (diffract\$4 or resona\$5)) and filter\$4 and (propagat\$4 near4 (valu\$2 or constant\$2 or factor\$2)) and ((waveguid\$4 or wave?guid\$4 or (wave near3 guid\$4)) with reflect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/20 12:27
L6	308	((grid\$2 or grating\$2) near4 (diffract\$4 or resona\$5)) and interfere\$ and ((color or wavelength\$) with filter\$4) and (propagat\$4 near4 (valu\$2 or constant\$2 or factor\$2)) and ((waveguid\$4 or wave?guid\$4 or (wave near3 guid\$4)) with reflect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/20 12:28
L13	1	("4514459").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/20 12:46
L14	15	("5407738").URPN.	USPAT	OR	ON	2010/01/20 12:46
L15	2	("5472798").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/20 12:55
L19	153	((color or wavelength\$) with filter\$4) and (propagat\$4 near4 (valu\$2 or constant\$2 or factor\$2)) and (((waveguid\$4 or wave?guid\$4 or (wave near3 guid\$4)) with reflect\$4) same ((grid\$2 or grating\$2) near4 (diffract\$4 or resona\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/20 14:24
L20	266	(propagat\$4 near4 (valu\$2 or constant\$2 or factor\$2)) and (((waveguid\$4 or wave?guid\$4 or (wave near3 guid\$4)) with reflect\$4) same ((grid\$2 or grating\$2) near4 (diffract\$4 or resona\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/20 14:58

L21	4	((color or wavelength\$) with filter\$4) and (propagat\$4 near4 (valu\$2 or constant\$2 or factor\$2)) and (((waveguid\$4 or wave?guid\$4 or (wave near3 guid\$4))) same ((grid\$2 or grating\$2) near4 (diffract\$4 or resonat\$5))) and reflect\$4). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 01/ 20 15:08
L22	69	((color or wavelength\$) with filter\$4) and (((waveguid\$4 or wave?guid\$4 or (wave near3 guid\$4))) same ((grid\$2 or grating\$2) near4 (diffract\$4 or resonat\$5))) and reflect\$4). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 01/ 20 15:09
S1	5998	((359/ 566) or (359/ 558) or (359/ 569) or (359/ 571) or (359/ 572) or (359/ 573) or (359/ 574) or (359/ 575) or (359/ 576) or (359/ 486) or (359/ 350) or (359/ 352) or (359/ 359)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/ 10/ 08 11:51
S2	18	S1 and ((subwavelength or sub?wavelength or (sub near3 wavelength h)) with grating\$2) and (reflect\$4 near5 filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 11:53
S3	141	(359/ 574).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/ 10/ 08 11:53
S4	260	S1 and (grating\$2 same resonat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 12:08
S5	2	("6884500").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/ 10/ 08 12:14
S6	119	S1 and ((subwavelength or sub?wavelength h or (sub near3 wavelength h)) with grating\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 12:39

S7	7	(aztec near 4 grating\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 13:03
S8	61	S1 and ((subwavelength or sub?wavelength or (sub near 3 wavelength h)) with period\$6) and width \$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 13:05
S9	28	S1 and ((subwavelength or sub?wavelength or ((less or sub) near 3 wavelength h))) and ((vary \$3 or variable\$2) near 4 width \$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 14:20
S10	10	S1 and ((subwavelength or sub?wavelength or ((less or sub) near 3 wavelength h))) and ((vary \$3 or variable\$2) near 4 groove\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 14:32
S11	3	S1 and (subwavelength or sub?wavelength or ((less or sub) near 3 wavelength h)) and (groove \$2 with protrusion\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 14:34
S12	1580	(subwavelength or sub?wavelength or ((less or sub) near 3 wavelength h)) near 5 (grid\$2 or grating \$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 14:35
S13	362	S12 and (resonance\$5 with reflect \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 14:36
S14	1499	((waveguide\$4 or subwavelength or sub?wavelength or ((less or sub) near 3 wavelength h)) near 5 (grid\$2 or grating \$2)) with resonance\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 16:06
S15	556	((waveguide\$4 or subwavelength or sub?wavelength or ((less or sub) near 3 wavelength h)) near 5 (grid\$2 or grating \$2)) with resonance\$5 with reflect \$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 16:07
S16	61	S15 and (inverse\$5 with (cone\$2 or pyramid\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 16:07

S17	711	((grid\$2 or grating\$2) near5 resona\$5) and diffract\$ and (subwavelength or sub? wavelength or ((less or sub) near3 wavelength))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 16:21
S18	599	S17 and (refract\$4 near3 (indi\$3 or inde\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/ 10/ 08 16:21
S19	2	("6306529").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/ 10/ 09 09:40
S20	2	("5,407,738").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/ 10/ 09 09:48
S21	0	("lavarias").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/ 10/ 09 10:12
S22	2	("6212312").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/ 10/ 09 10:32
S23	6080	((359/ 566) or (359/ 558) or (359/ 569) or (359/ 571) or (359/ 572) or (359/ 573) or (359/ 574) or (359/ 575) or (359/ 576) or (359/ 486) or (359/ 350) or (359/ 352) or (359/ 359)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/ 01/ 19 16:00
S24	19	S23 and ((subwavelength or sub? wavelength or (sub near3 wavelength)) with grating\$2) and (reflect\$4 near5 filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 01/ 19 16:00
S25	142	(359/ 574).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/ 01/ 19 16:00
S26	263	S23 and (grating\$2 same resona\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 01/ 19 16:00

S27	123	S23 and ((subwavelength or sub? wavelength or (sub near3 wavelength)) with grating\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:00
S28	7	(aztec near4 grating\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:00
S29	64	S23 and ((subwavelength or sub? wavelength or (sub near3 wavelength)) with period\$6) and width\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:00
S30	31	S23 and ((subwavelength or sub? wavelength or ((less or sub) near3 wavelength))) and ((vary\$3 or variable\$2) near4 width\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:00
S31	10	S23 and ((subwavelength or sub? wavelength or ((less or sub) near3 wavelength))) and ((vary\$3 or variable\$2) near4 groove\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:00
S32	3	S23 and (subwavelength or sub?wavelength or ((less or sub) near3 wavelength)) and (groove\$2 with protrusion\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:00
S33	1626	(subwavelength or sub? wavelength or ((less or sub) near3 wavelength)) near5 (grid\$2 or grating\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:01
S34	377	S33 and (resonance\$5 with reflect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:01
S35	578	((waveguide\$4 or subwavelength or sub? wavelength or ((less or sub) near3 wavelength)) near5 (grid\$2 or grating\$2)) with resonance\$5 with reflect\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:01
S36	64	S35 and (inverse\$5 with (cone\$2 or pyramid\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:01

S37	735	((grid\$2 or grating\$2) near5 resona\$5) and diffract\$ and (subwavelength or sub? wavelength or ((less or sub) near3 wavelength))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:01
S38	620	S37 and (refract\$4 near3 (indi\$3 or inde\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 16:01

**EAST Search History (Interference)**

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